

Date: Wed, 14 Sep 94 12:29:59 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #1021
To: Info-Hams

Info-Hams Digest Wed, 14 Sep 94 Volume 94 : Issue 1021

Today's Topics:

 2M vs 70 cm
 Boatanchors and QRP email lists
 Boulder, CO Swapfest Sept 25
 Daily Summary of Solar Geophysical Activity for 09 September
 DX station info
 home-made telemetry for falconry
 Info about book "Keys, keys, keys"
 Mail Order Crystals?? Is there anyplace??
 Mods for Kenwood TH-79A
 Software for test prep
 Source for Al/Cu sheet
 Tesla coils
 VANITY CALLS - What's the story????
 Western CT. Hamfest 18 SEP 94
 Wouff hong specs req'd...

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 14 Sep 94 00:12:05 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: 2M vs 70 cm
To: info-hams@ucsd.edu

Bill:

Eat peanut butter and go for it. You have already listed all the right

reasons to do so. I bought my ICW21AT 5 months ago, and I use 70cm a lot here in the Seattle area. Had I gone with only 2 meter, I'd be looking at dual banders and figuring a way to get one today.

John KC7CKP

Date: Tue, 13 Sep 1994 08:10:05 GMT
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arpa
Subject: Boatanchors and QRP email lists
To: info-hams@ucsd.edu

For those of you who have been, over the last several months, trying to subscribe to the 'Boatanchors' tube radio email reflector you can now ftp each day's digest of articles as follows:
ftp sunSITE.unc.edu and
cd to pub/academic/agriculture/agronomy
and 'get' DAILY.BA

For those of you who unsubscribed from qrp-l because there is no longer a daily digest do the above and 'get' DAILY.QRP to receive each day's digest of qrp-l articles.

Thanks go to Steve AB4EL for supplying a site.

Jeff NH6IL

Date: 13 Sep 1994 19:20:50 -0600
From: mnemosyne.cs.du.edu!nyx.cs.du.edu!not-for-mail@uunet.uu.net
Subject: Boulder, CO Swapfest Sept 25
To: info-hams@ucsd.edu

There will be a swapfest from 8 to 3 on Sept. 25 at the Boulder County Fairgrounds off Hover Road in Longmont, CO. VE testing at 1 in the Red Cross Building.

Admission is \$3/person, with 8 foot tables spaces available for \$7 a table.

Door prizes include ICOM Dual Band Mobile radio and IBM ExecJetII 4076. Talk-in is on 146.70/10 MHz.

Hope to see you there!
de KF0JA

Date: Sat, 10 Sep 1994 16:12:02 MDT
From: olivea!charnel.ecst.csuchico.edu!psgrain!nntp.cs.ubc.ca!alberta!ve6mgs!
usenet@ames.arpa
Subject: Daily Summary of Solar Geophysical Activity for 09 September
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

09 SEPTEMBER, 1994

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(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 09 SEPTEMBER, 1994

NOTE: Energetic electrons at greater than 2 MeV were at high levels today.

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 252, 09/09/94
10.7 FLUX=087.1 90-AVG=080 SSN=056 BKI=3544 4433 BAI=025
BGND-XRAY=A7.2 FLU1=8.9E+06 FLU10=1.4E+04 PKI=3445 5443 PAI=030
BOU-DEV=025,079,035,040,049,062,021,029 DEV-AVG=042 NT SWF=00:000
XRAY-MAX= B3.9 @ 2205UT XRAY-MIN= A6.1 @ 1932UT XRAY-AVG= B1.1
NEUTN-MAX= +002% @ 0410UT NEUTN-MIN= -003% @ 0645UT NEUTN-AVG= -0.4%
PCA-MAX= +0.2DB @ 1730UT PCA-MIN= -0.2DB @ 2150UT PCA-AVG= +0.0DB
BOUTF-MAX=55223NT @ 0323UT BOUTF-MIN=55170NT @ 1652UT BOUTF-AVG=55196NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+071,+000,+000
GOES6-MAX=P:+130NT@ 1959UT GOES6-MIN=N:-081NT@ 1434UT G6-AVG=+096,+029,-011
FLUXFCST=STD:085,085,080;SESC:085,085,080 BAI/PAI-FCST=020,015,010/025,020,015
KFCST=3333 3333 2135 5111 27DAY-AP=000,028 27DAY-KP=3542 4333 4455 4333
WARNINGS=*SWF;*AURMIDWCH
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 08 SEP 94 was 25.0.
The Full Kp Indices for 08 SEP 94 are: 4- 5o 5+ 5+ 3- 3- 3o 3-
The 3-Hr Ap Indices for 08 SEP 94 are: 21 49 56 58 12 13 14 13
Greater than 2 MeV Electron Fluence for 09 SEP is: 5.2E+08

SYNOPSIS OF ACTIVITY

Solar activity was low. An optically uncorrelated C1 x-ray event occurred at 08/2242Z. Since then, solar activity has consisted of weak B-class x-ray events and low frequency (25 - 245Mhz) radio emissions. All regions continue their slow decay.

Solar activity forecast: solar activity is expected to be very low.

The geomagnetic field has been at unsettled to active levels with periods of minor to major storms conditions during local nighttime sectors. Activity is believed to be in response to a favorably positioned coronal hole. The GT 2 MeV energetic electron flux was in the high range.

Geophysical activity forecast: the geomagnetic field is expected to be mostly unsettled to active for day one becoming mostly unsettled on days two and three. Isolated periods of minor storm conditions can be expected during local nighttime sectors, mostly on day one of the period.

Event probabilities 10 sep-12 sep

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 10 sep-12 sep

A. Middle Latitudes	
Active	25/20/15
Minor Storm	15/10/05
Major-Severe Storm	10/05/01
B. High Latitudes	
Active	25/20/15
Minor Storm	20/15/10
Major-Severe Storm	10/10/05

HF propagation conditions continued to be degraded along most polar and high latitude paths. Effects were also noticed into the middle latitude night-sectors. Similar conditions are expected on 10 September before gradual improvements begin on 11 and 12 September.

STD ESTIMATED CORONAL HOLE BOUNDARY LOCATIONS DERIVED FROM YOHKOH X-RAYS

VALID AT 02:10 UTC ON 09 SEP 94

"!H!" = Highly probable coronal hole locations.

"!W!" = Weak x-ray emissions (possible weak coronal holes).

!!!

! ! DOY=252 VALID 02:10UTC 09SEP94

!H! N62E90 N64E68 N66E54 N66E40 N63E24 N64E17 N62E13 N58E15 N56E16 N56E15

!H! N55E13 N56E10 N56E07 N54E06 N54E01 N56W03 N56W10 N55W17 N52W19

!H! N44W26 N41W24 N36W18 N33W18 N32W20 N32W24 N38W37 N39W42 N31W45

!H! N27W47 N26W49 N24W53 N22W57 N22W59 N20W59 N20W63 N18W64 N16W66

!H! N14W67 N16W70 N18W71 N22W67 N23W70 N22W73 N22W75 N26W73 N27W77

!H! N34W80 N38W79 N42W77 N42W90 N46W90 N44W67 N44W62 N46W58 N47W62

!H! N48W75 N51W70 N57W68 N59W76 N58W90

! !

!H! S22E90 S20E62 S21E53 S24E54 S25E54 S24E51 S20E49 S20E46 S20E37 S22E36

!H! S22E34 S20E34 S18E30 S17E27 S30E39 S32E43 S37E50 S40E56 S44E67

!H! S48E90

! !

!W! N27E81 N25E66 N28E60 N26E54 N26E53 N20E56 N11E57 N05E56 N02E52 N02E45

!W! N03E43 N08E47 N11E42 N05E38 N05E33 N12E16 N20E04 N24W06 N20W10

!W! N17W11 N14W09 N10W11 N03W10 S02W10 S02W14 S03W19 S04W18 S15W16

!W! S20W21 S26W22 S29W18 S33W06 S40W03 S53W10 S40W38 S28W37 S22W31

!W! S13W24 S04W26 N03W28 N16W19 N20W18 N21W24 N17W28 N19W33 N24W46

! !

!W! N61E90 N63E68 N65E54 N65E40 N62E24 N63E17 N61E13 N57E15 N55E16 N55E15

!W! N54E13 N55E10 N55E07 N53E06 N53E01 N55W03 N55W10 N54W17 N51W19

!W! N43W26 N40W24 N35W18 N32W18 N31W20 N31W24 N37W37 N38W42 N30W45 N25W47

Use the IBM compatible software "SHOWHOLE.EXE" available through
anonymous FTP at "ftp.uleth.ca" in the "pub/solar/Software"
directory, or on our computer BBS at 403-756-3008 in the Utilities
directory to display these boundary locations on-screen.

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REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 09/2400Z SEPTEMBER

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7771	N06W85	124	0080	HAX	02	001	ALPHA	
7773	S08W63	102	0180	CA0	05	006	BETA	
7774	N11W51	090	0030	BX0	04	004	BETA	
7776	S08W10	049	0230	CHO	09	005	BETA	
7775	N16W17	056					PLAGE	
7777	S12W76	115					PLAGE	

REGIONS DUE TO RETURN 10 SEPTEMBER TO 12 SEPTEMBER

NMBR LAT LO
NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 09 SEPTEMBER, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
2142	2145	2152			B1.5			120	
2158	2204	2207			B3.9			180	

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 09 SEPTEMBER, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
NO EVENTS OBSERVED								

INFERRED CORONAL HOLES. LOCATIONS VALID AT 09/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
NO DATA								

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
08 Sep:	0018	0018	0031		SF	7776	S10E18			
	0028	0034	0038		SF	7773	S05W36			
	0118	0129	0138	C1.3						
	2237	2242	2246	C1.1						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7773:	0	0	0	1	0	0	0	0	001	(25.0)
Region 7776:	0	0	0	1	0	0	0	0	001	(25.0)
Uncorrelated:	2	0	0	0	0	0	0	0	002	(50.0)

Total Events: 004 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

From: agate!library.ucla.edu!psgrain!rainrgnews0!pacifier!news.alpha.net!
mvp.saic.com!eskimo!turnerg@ames.arpa
Subject: home-made telemetry for falconry
To: info-hams@ucsd.edu

Wondering if I can build my own lightweight transmitters and wether or not I can use my VHF marine radio as a reciever.

Any info re: this endeavour would be greatly appreciated.

Please e-mail turnerg@eskimo.com

==>GT

Date: 13 Sep 1994 08:33:18 GMT
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!EU.net!
sun4nl!hacktic!fro@network.ucsd.edu
Subject: Info about book "Keys, keys, keys"
To: info-hams@ucsd.edu

Hi all!

As a CW enthusiast, I got interested in a book about Morse keys. The book's simply called "Keys, keys, keys" and is written by Dave Ingham, K4TWJ.

Unfortunately, I've got no other information besides title and author. Could anyone tell me the publisher and/or the ISBN? And maybe you know some European outlet or club that sells the book?

Thanks in advance, 73,

Frank, PA3FLV
fro@xs4all.nl

Date: Sun, 11 Sep 1994 04:26:14 GMT
From: olivea!news.bu.edu!gw1.att.com!nntpa!cbnewsi!cbnewsj!cbnews1!cbnewsm!
cbnewst!cbfsb!cbnewsf.cb.att.com!cropley@ames.arpa
Subject: Mail Order Crystals?? Is there anyplace??
To: info-hams@ucsd.edu

Does anyone know of a place I can mail order some crystals from??

I looking to pick up 12 various 2 meter crystals for an old HT.

If anyone knows anyplace I can request some specific freq. crytsals
please let me know!

Andy Cropley - N2ZAM
cropley@cbnewsf.att.com
acropley@attmail.att.com

Date: Mon, 12 Sep 1994 21:15:12 GMT
From: netcomsv!netcom.com!ks@decwrl.dec.com
Subject: Mods for Kenwood TH-79A
To: info-hams@ucsd.edu

In article <ksCvro98.E4D@netcom.com> () wrote:
>Does anyone have extended TX/RX mods for the TH-79A? I didn't see any at
>ftp.funet.fi and thought someone who's tested the mods might comment
>on them.

I take it that the lack of response means that no one here has tried to
modify a TH-79A or that no one knows how.

--

Kurt F. Sauer
Austin, Texas

Another day.

Another chance
to feel healthy.

ViaCrypt PGP key available on key servers

Date: 13 Sep 1994 08:38:32 GMT
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!
news.cac.psu.edu!news.pop.psu.edu!ra!cs.umd.edu!mojo.eng.umd.edu!
tedwards@network.ucsd.edu
Subject: Software for test prep
To: info-hams@ucsd.edu

Is there any public domain or shareware programs that help prep
people for ham radio exams? (either for PC (preferable), Mac, or
for Unix) Do they have the updated testing pools?
Where can I find them?

-Thomas

Date: Mon, 12 Sep 1994 21:11:34 GMT

From: spstimes.sps.mot.com!mogate!newsgate!jungle.sps.mot.com!user@uunet.uu.net
Subject: Source for Al/Cu sheet
To: info-hams@ucsd.edu

In article <n4zrCw0sG6.1LH@netcom.com>, n4zr@netcom.com (Peter G. Smith)
wrote:

> Does anyone know of a source (mail-order, probably) for aluminum or
> copper sheet in small quantities? Or heavy duty chassis of the same
> stock? I need some on the order of 1/8 inch thick for a grounding
> bulkhead for my new QTH.

Our local ACE hardware store carries small pieces of copper, brass and
aluminum sheet. I've bought some which was 0.060" thick, didn't even
look if they had anything thicker. It's probably worth a look see.

--

Jim Chott

KC7BXT

rzaa80@email.mot.com

Tempe, AZ

Motorola Dust Devils 4WD Club

1985 Toyota XtraCab SR5 4WD pickup

1972 Pontiac LeMans Sport Convertible

Date: Wed, 14 Sep 1994 00:42:30 GMT
From: psinntp!gdstech!bat@uunet.uu.net
Subject: Tesla coils
To: info-hams@ucsd.edu

In article <3524j6\$s30@mailier.fsu.edu> leggett@xi.cs.fsu.edu (Brian Leggett)
writes:

>O.K. O.K. O.K.. I know Tesla coils have little to do directly with amateur
>radio but I couldn't find a newsgroup along the lines of rec.electronics to
>post this. I never got into amateur radio (though I do work at a college
>radio station) but you radio people always seemed to dig HIGH VOLTAGE!!
>ZAP! Woah, feels good...

>

> I've built several tesla coils in the past and am planning to build
>one much larger than any I've previously built. I've got some ideas on how to
>overcome some of the problems that I experienced in the past as well as a
>few questions that require some explanation before I begin anew (sp?).

> If anyone here has any experience with Tesla coils, knows anyone who
>does, knows a good info source, or wishes to enlighten me as to the presence
>of an electronics newsgroup (flame, flame...) -- please e-mail me. All help
>is MUCH appreciated. Thanks...

>

> --Brian leggett@cs.fsu.edu

>

Try subscribing to the Tesla Coil Builders Ass. (If it is still there). Write for information to: TCBA, RR6, Box 181, Amy Lane, Glens Falls, NY 12801.

I had their newsletter for awhile, and it was quite informative. -pat

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*-----*
*   Pat Masterson   D12-25   | KE2LJ@KC2FD           *
*   Grumman Data Systems | 516-346-6316.       *
*   Bethpage, NY 11746   | bat@gdstech.grumman.com *
*-----*
```

Date: Sun, 11 Sep 1994 15:31:47 GMT
From: news.cerf.net!nntp-server.caltech.edu!netline-fddi.jpl.nasa.gov!
elroy.jpl.nasa.gov!swrinde!howland.reston.ans.net!news.cac.psu.edu!
news.pop.psu.edu!psuvax1!news.ecn.bgu.@@ihnp4.ucsd.edu
Subject: VANITY CALLS - What's the story????
To: info-hams@ucsd.edu

In article <34ptec\$s4e\$1@mhadf.inhouse.compuserve.com>, Hans Brakob
<71111.260@CompuServe.COM> wrote:

> The comment period has expired (in April, if I remember right).
> The ARRL and many other individuals and organizations submitted
> their comments. Most (if not all) commenters were supportive of
> the idea, and suggested some modification such as "staged
> introduction" to allow retrieval of previously held calls, etc.
> The ARRL comments were published in QST and the ARRL Letter.

>

> Now the issue is awaiting the FCC decision.

>

> --

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> Hans Brakob, K0HB      | EX-KG6AQI, WA0PQF, WB9DLL
> Vice Director         | WB4GXH, WB0WFF
> Dakota Division ARRL  | 73 from Minnesota
```

OK, so, what's going on in FCC-land? Any whispers on when we'll hear something?

--

```
Marc B. Grant           | Fax: 214-231-3998   | "ISDN, SONET, TCP/IP, T-3,
marcbg@metronet.com     | Pager: 214-246-1150 | - who needs alphabet soup -
Amateur Radio N5MEI     |                     | get me a good beer" - MBG
```

Date: 13 Sep 1994 07:08:58 GMT
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!agate!
soda.CSUA.Berkeley.EDU!remailer@network.ucsd.edu
Subject: Western CT. Hamfest 18 SEP 94
To: info-hams@ucsd.edu

Admission is \$4.00, kids under 12 free. ARRL sanctioned; Handicapped
Access; Door prizes; Refreshments; Ample parking; Rain or shine.

Talk-in will be on the 147.12 Danbury repeater, +600, PL 141.3.

Come one, come all, enjoy some fun, and maybe get a great bargain!

See you at the Western CT Hamfest.
73 DE N1QNK
Jim

They supplied us with a M14. I'm ready to rock and roll. There's
this real good machinist. He's a Class III gunsmith, but he's not too
picky about that.

For more information about this anonymous posting service, please send mail
to remailer@csua.berkeley.edu with Subject: remailer-info.

To respond to the sender of this message, send mail to
remailer@soda.berkeley.edu, starting your message with
the following 7 lines:

::
Response-Key: the-clipper-key

====Encrypted-Sender-BEGIN====
MI@```\$M^&2?(E<U9BPG1]W7LG=&KH_S%AK^58CLB)HI8P?<A/>;]^:2))\Z-
C36P-Q, -A?0]-R*RLWCA1D*&\$NEH>MP:N,/Q:&?MD, -04<D\$`
====Encrypted-Sender-End====

Date: Wed, 14 Sep 1994 08:08:30 -0400
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!spool.mu.edu!uwm.edu!psuvax1!
news.pop.psu.edu!news.cac.psu.edu!newsserver.jvnc.net!rohvm1!
roh033.mah48d@network.ucsd.edu
Subject: Wouff hong specs req'd...
To: info-hams@ucsd.edu

In article <1994Sep8.115434.1@leif>, jcraig@kean.ucs.mun.ca wrote:

> I saw a photo of a wouff hong in last month's QST (p.13) and was
> wondering if anyone had a parts list, construction specifications, and
> alignment instructions for someone who might be interested in building
> this instrument. I don't recall seeing any QST articles on homebrewing
> wouff hong, nor have I come across any kits in the advertising section.
> This amazes me as no radio club should be without one...

Wouldn't it be sacrilege to try and duplicate the original, hallowed
device?

--

John Taylor (W3ZID) | "The opinions expressed are those of the
roh033.mah48d@rohmmaas.com | writer and not of Rohm and Haas Company."

End of Info-Hams Digest V94 #1021
